

ABSTRACT

A novel polyimide which retains the characteristics of polyimides, that is, excellent heat resistance, electrical insulation and chemical resistance, of which dielectric constant is lower than those of the known polyimides, as well as a 5 composition containing the same and a process for producing the same, is disclosed. The polyimide of the present invention is a cross-linked polyimide having a dielectric constant of not more than 2.7, which was produced by polycondensing (a) tetramine(s), (a) tetracarboxylic dianhydride(s) and (an) aromatic diamine(s) in the presence of a catalyst.